

# Dodge® School of Transmisioneering®



## Learning objective

Upon completion of this course, students will gain a thorough understanding of the Dodge mechanical power transmission product portfolio.

## Participant profile

All authorized Dodge distributors who specify, sell, or enter orders for mechanical power transmission products will benefit from this training. Participants should have a minimum of 2 years experience in the power transmission industry.

## Duration

This course is scheduled for 4 full days and 1 half day.

## Areas covered

- Features and benefits of Dodge products
- Competitive advantages
- Customer value-added solutions
- Product and service troubleshooting
- Functional product basics
- Mechanical power transmission product selections via catalog and electronic tools
- In-depth engineering presentations
- Application and industry product background
- Hands-on installation and removal
- Maintenance and best practices
- Electronic tools overview and tutorial
- Product nomenclature

## Products covered

- Mounted bearings
- Enclosed gearing
- Mechanical drive components
- Couplings
- Conveyor components
- IIoT technologies
- Lifecycle Solutions
- System1 (bulk material handling)
- Electronic tools

## Instructors

Dodge product specialists and engineers.

## Technology

This training will be done in-person. Please come prepared with both a PT Place and a PT Wizard account created. It is recommended that attendees bring their own laptop computers for participation.

## Dress code

Business casual (blue jeans and polos) with steel-toe shoes for plant tour. *No shorts, open-toe shoes, or graphic t-shirts.*

## Flight schedule

Airport: Greenville-Spartanburg (GSP)

Arrival: Sunday

Departure: Friday after 3:00pm

*Participants are responsible to cover their transportation costs to Greenville, SC.*

## Accommodations and food

Hotel and food will be covered by Dodge. Your lodging will be booked for you by Dodge at a local hotel.

## Local transportation

Participants will need to provide their own local transportation or coordinate with fellow attendees to share local transportation.

# Dodge School of Transmisioneering

## Agenda

### Day 1 – Monday

8:00 am—8:30 am EST	Welcome to Dodge and introductions
8:30 am—9:30 am EST	Electronic tools training
9:30 am—10:00 am EST	Industrial Internet of Things (IIoT) technologies
10:00 am—12:00 pm EST	Mechanical drive components
12:00 pm—1:00 pm EST	Lunch
1:00 pm—2:00 pm EST	Mechanical drive components (continued)
2:00 pm—5:00 pm EST	Couplings

### Day 2 – Tuesday

8:00 am—8:15 am EST	Introduction and homework review
8:15 am—8:45 am EST	Dodge inside sales department
8:45 am—9:00 am EST	Mounted bearings introduction
9:00 am—10:30 am EST	Mounted bearings engineering
10:30 am—12:00 pm EST	Mounted ball bearings
12:00 pm—1:00 pm EST	Lunch
1:00 pm—3:00 pm EST	Mounted spherical roller bearings
3:00 pm—4:30 pm EST	Mounted tapered roller bearings
4:30 pm—5:00 pm EST	Mounted plain bearings

### Day 3 – Wednesday

8:00 am—8:15 am EST	Introduction and homework review
8:15 am—8:30 am EST	Dodge Application Engineering department
8:30 am—9:30 am EST	Gearing fundamentals
9:30 am—11:30 am EST	Dodge Greenville gear plant tour
12:00 pm—1:00 pm EST	Lunch
1:00 pm—4:00 pm EST	Quantis®
4:00 pm—5:00 pm EST	Gearing engineering best practices

### Day 4 – Thursday

8:00 am—8:15 am EST	Introduction and homework review
8:15 am—10:30 am EST	Tigear®-2
10:30 am—12:00 pm EST	Torque-Arm family
12:00 pm—1:00 pm EST	Lunch
1:00 pm—3:00 pm EST	Torque-Arm family (continued)
3:00 pm—3:45 pm EST	Maxum® XTR
3:45 pm—4:30 pm EST	MagnaGear XTR®
4:30 pm—5:00 pm EST	Renewal parts and remanufacturing services

### Day 5 – Friday

8:00 am—8:15 am EST	Introduction and homework review
8:15 am—9:15 am EST	Conveyor components
9:15 am—11:00 am EST	System1 (bulk material handling)
11:00 am—11:30 am EST	Field services
11:30 am—12:30 am EST	Lunch and final exam